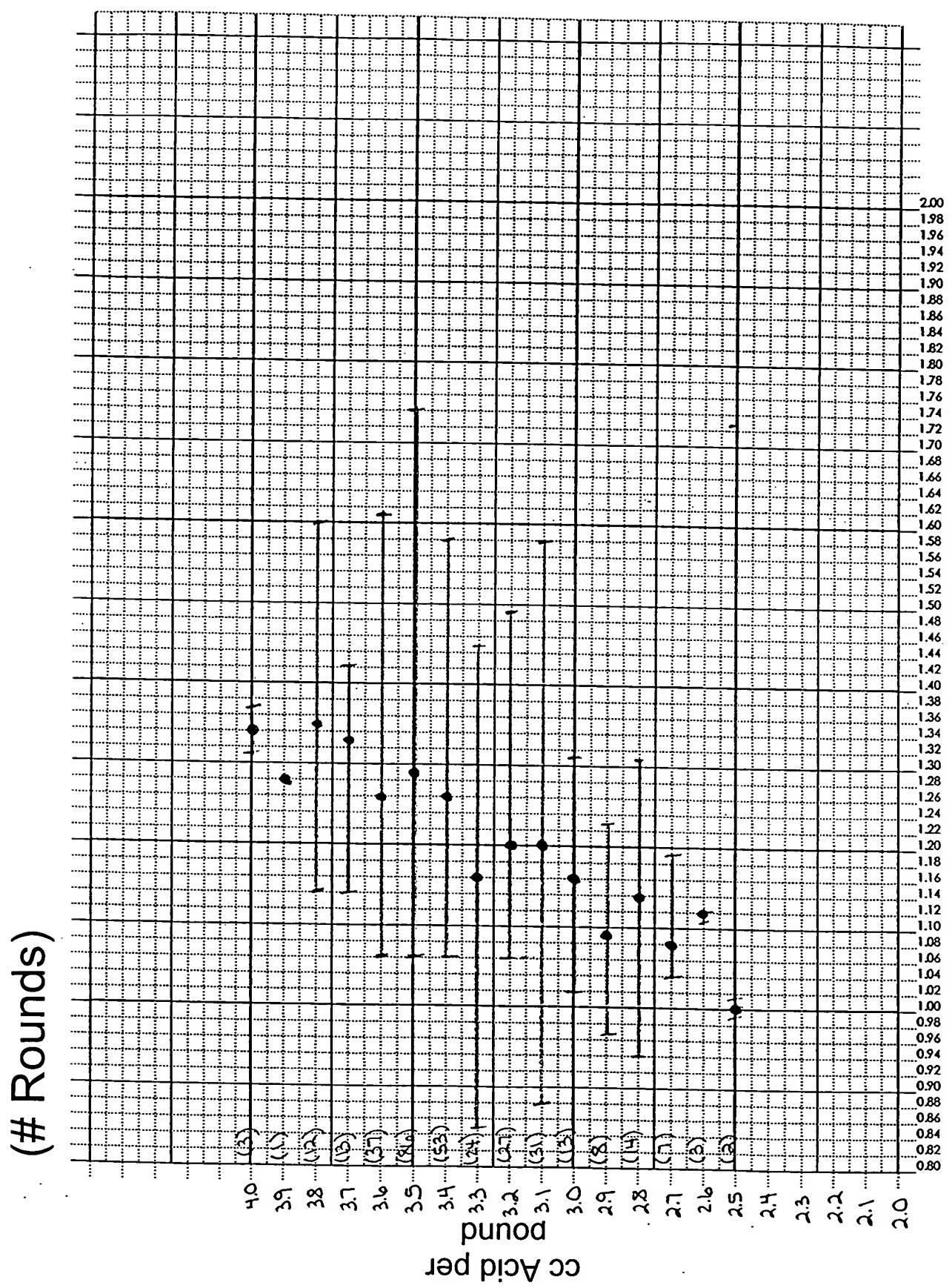


Fig. 1

Fig. 2
% Fat

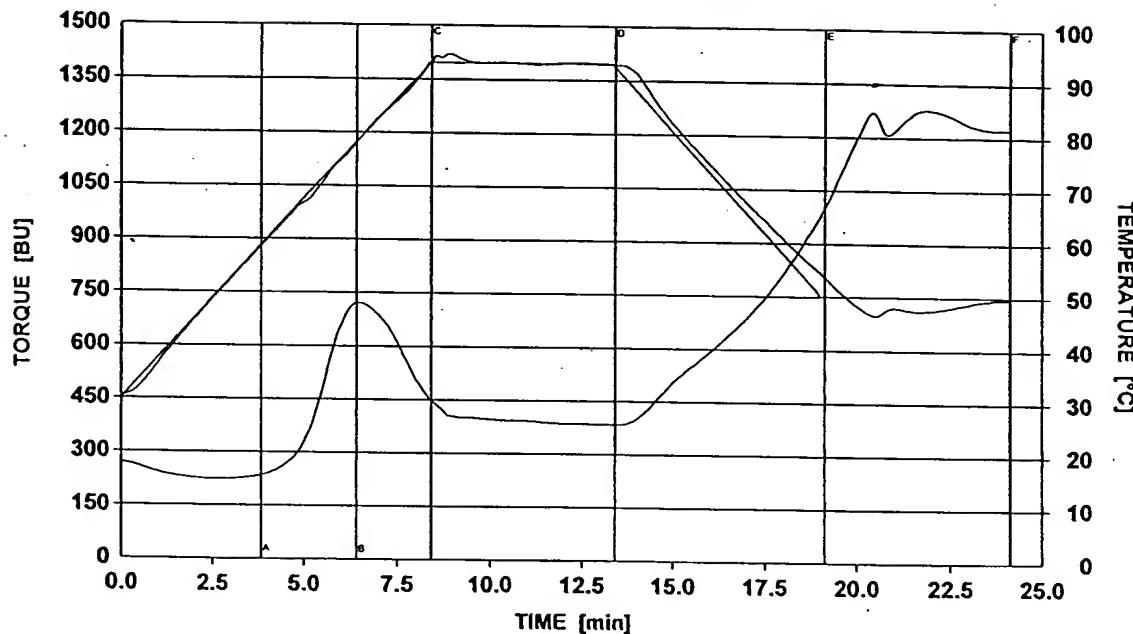


BRABENDER MICRO VISCO- AMYLO- GRAPH

Parameter

Operator	ar	Date	12/4/2003
Sample	PO 28982-11 Dec 4	Method	33% Full Chart
Moisture	14 [%]	Correction	14 [%]
Sample weight	40 [g]	Corr. to 14%	40 [g]
Water	80 [ml]	Corr. to 14%	80 [ml]
Note	ADM MILLING CO.		
Note	MVAG SER.#010102		
Speed	300 [1/min]	Meas. range	135 [cmg]
Start temperature	30 [°C]	Heat/Cool. rate	7.5 [°C/min]
Max. temperature	93 [°C]	Upp. hold. time	5 [min]
End temperature	50 [°C]	Fin. hold. time	5 [min]

MEASURING RANGE : 135 [cmg]



Evaluation

Point	Name	Time [HH:MM:SS]	Torque [BU]	Temperature [°C]
A	Beginning of gelatinization	00:03:50	233	58.4
B	Maximum viscosity	00:06:25	720	77.8
C	Start of holding period	00:08:24	447	92.7
D	Start of cooling period	00:13:24	383	92.9
E	End of cooling period	00:19:08	1003	53.5
F	End of final holding period	00:24:08	1223	49.6
B-D	Breakdown		337	
E-D	Setback		607	

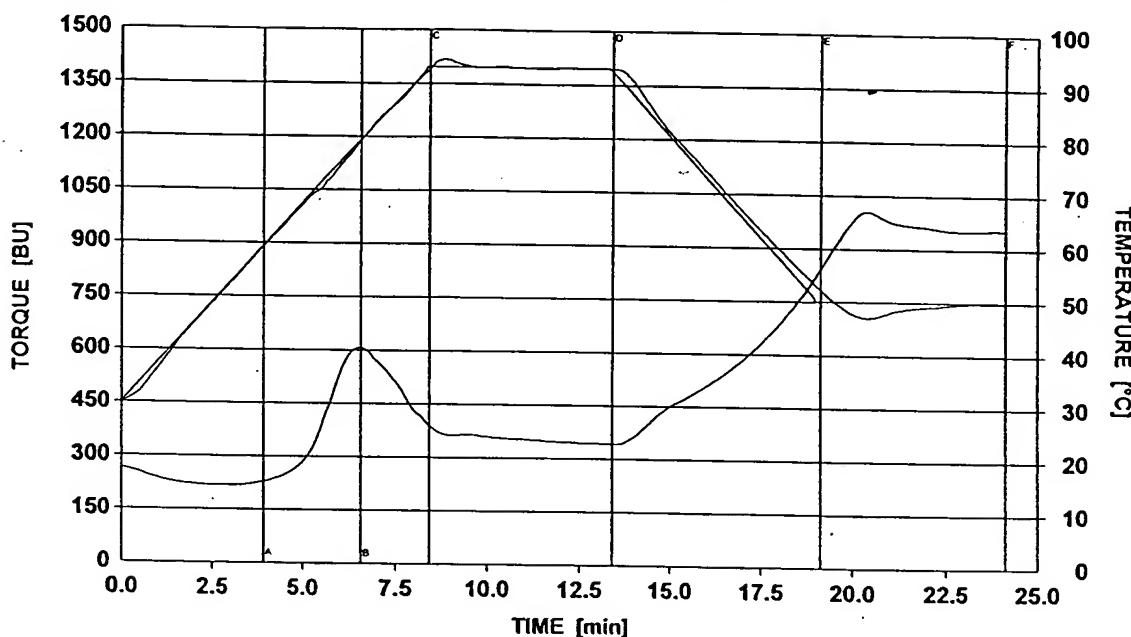
Fig. 3

BRABENDER MICRO VISCO- AMYLO- GRAPH

Parameter

Operator	ar	Date	12/5/2003
Sample	PO 28983-11 Dec 5	Method	33% Full Chart
Moisture	14 [%]	Correction	14 [%]
Sample weight	40 [g]	Corr. to 14%	40 [g]
Water	80 [ml]	Corr. to 14%	80 [ml]
Note	ADM MILLING CO.		
Note	MVAG SER.#010102		
Speed	300 [1/min]	Meas. range	135 [cmg]
Start temperature	30 [°C]	Heat/Cool. rate	7.5 [°C/min]
Max. temperature	93 [°C]	Upp. hold. time	5 [min]
End temperature	50 [°C]	Fin. hold. time	5 [min]

MEASURING RANGE : 135 [cmg]



Evaluation

Point	Name	Time [HH:MM:SS]	Torque [BU]	Temperature [°C]
A	Beginning of gelatinization	00:03:55	227	59.1
B	Maximum viscosity	00:06:35	606	79.1
C	Start of holding period	00:08:24	388	92.7
D	Start of cooling period	00:13:24	341	92.9
E	End of cooling period	00:19:08	845	52.1
F	End of final holding period	00:24:08	953	49.9
B-D	Breakdown		265	
E-D	Setback		493	

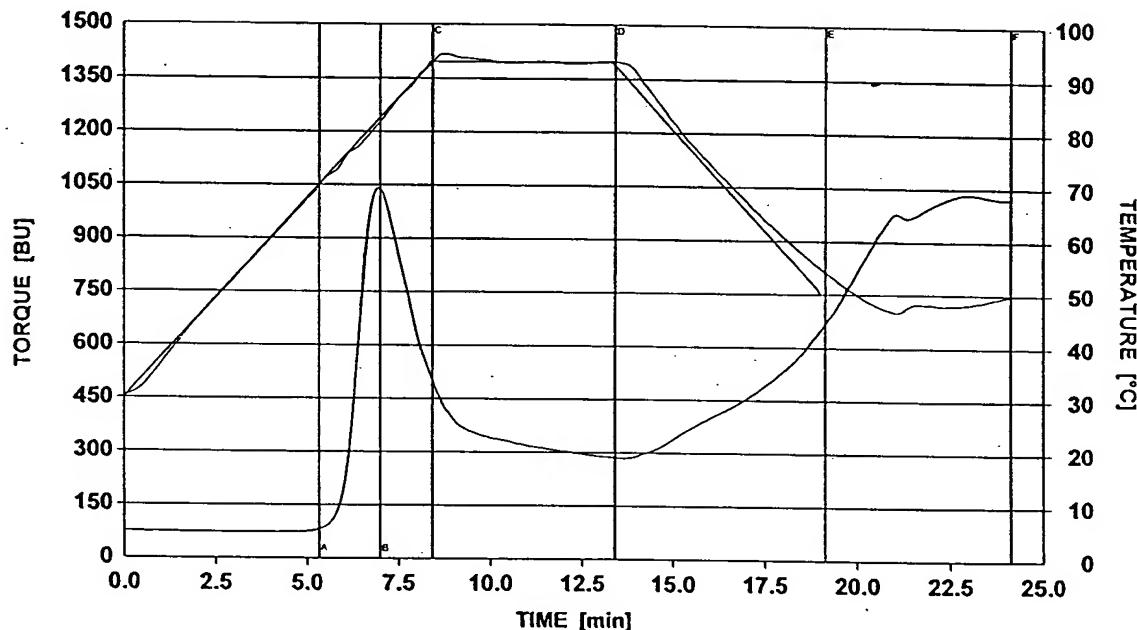
Fig. 4

BRABENDER MICRO VISCO- AMYLO- GRAPH

Parameter

Operator	ar	Date	12/3/2003
Sample	PO 28975-95 Dec 3	Method	LC-295 Full
Moisture	14 [%]	Correction	14 [%]
Sample weight	17 [g]	Corr. to 14%	17 [g]
Water	100 [ml]	Corr. to 14%	100 [ml]
Note	ADM MILLING CO.		
Note	MVAG SER.#010102		
Speed	300 [1/min]	Meas. range	135 [cmg]
Start temperature	30 [°C]	Heat/Cool. rate	7.5 [°C/min]
Max. temperature	93 [°C]	Upp. hold. time	5 [min]
End temperature	50 [°C]	Fin. hold. time	5 [min]

MEASURING RANGE : 135 [cmg]



Evaluation

Point	Name	Time [HH:MM:SS]	Torque [BU]	Temperature [°C]
A	Beginning of gelatinization	00:05:20	80	69.8
B	Maximum viscosity	00:07:00	1041	81.6
C	Start of holding period	00:08:24	498	92.9
D	Start of cooling period	00:13:24	285	93.1
E	End of cooling period	00:19:08	671	54.0
F	End of final holding period	00:24:08	1021	49.8
B-D	Breakdown		754	
E-D	Setback		372	

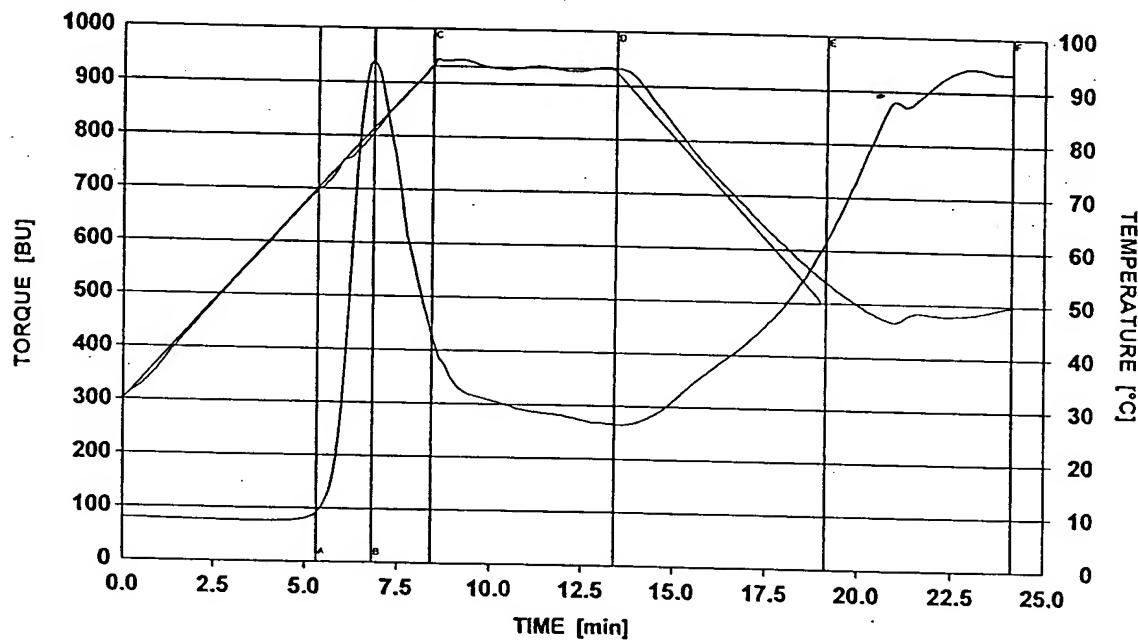
Fig. 5

BRABENDER MICRO VISCO- AMYLO- GRAPH

Parameter

Operator	ar	Date	12/4/2003
Sample	PO 28981-95 Dec 4	Method	LC295, 135 cmg
Moisture	14 [%]	Correction	14 [%]
Sample weight	17 [g]	Corr. to 14%	17 [g]
Water	100 [ml]	Corr. to 14%	100 [ml]
Note	ADM MILLING CO.		
Note	MVAG SER.#010102		
Speed	300 [1/min]	Meas. range	
Start temperature	30 [°C]	Heat./Cool. rate	135 [cmg]
Max. temperature	93 [°C]	Upp. hold. time	7.5 [°C/min]
End temperature	50 [°C]	Fin. hold. time	5 [min]
			5 [min]

MEASURING RANGE : 135 [cmg]



Evaluation

Point	Name	Time [HH:MM:SS]	Torque [BU]	Temperature [°C]
A	Beginning of gelatinization	00:05:20	91	69.6
B	Maximum viscosity	00:06:50	939	80.4
C	Start of holding period	00:08:24	424	92.9
D	Start of cooling period	00:13:24	265	93.1
E	End of cooling period	00:19:08	619	53.9
F	End of final holding period	00:24:08	934	49.8
B-D	Breakdown		674	
E-D	Setback		342	

Fig. 6